

What is claimed is:

1 1. A waste receptacle comprising:

2 an exterior wall separating an interior and an exterior;

3 an interior receptacle for receiving a bag therein; and

4 an interior bag closure mechanism that is operable from said exterior.

1 2. The waste receptacle as in claim 1, wherein said interior bag closure
2 mechanism closes a bag disposed in said interior receptacle.

1 3. The waste receptacle as in claim 2 wherein said interior receptacle
2 includes an interior wall that internally confronts said exterior wall and is separated from
3 said interior wall by a gap.

1 4. The waste receptacle as in claim 1, wherein said interior bag closure
2 mechanism comprises a rotator assembly that grasps an upper open section of a
3 flexible bag disposed in said interior receptacle and rotates said upper open section
4 relative to a bottom closed end of said flexible bag, to close said flexible bag.

1 5. The waste receptacle as in claim 4, wherein said interior bag closure
2 mechanism includes a clamp that releasably secures said bottom closed end of said
3 flexible bag to said interior receptacle such that said bottom closed end does not rotate
4 along with said upper open section of said flexible bag.

1 6. The waste receptacle as in claim 4, further comprising a handle that
2 causes a rotating member of said rotator assembly to rotate, said handle disposed
3 outside of said exterior wall.

1 7. The waste receptacle as in claim 4, wherein said rotator assembly
2 includes a clamp that clamps an upper edge of said flexible bag to a rotating member
3 that rotates relative to said interior receptacle.

1 8. The waste receptacle as in claim 7, wherein a portion of said rotating
2 member is received in a cavity of said exterior wall and further comprising ball bearings
3 that enable said portion of said rotating member to rotate freely within said cavity.

1 9. The waste receptacle as in claim 1, further comprising
2 a cover that sealably engages an upper rim of said exterior wall,
3 an exhaust hood including an exhaust port, and

4 an exhaust system that exhausts said waste receptacle through said exhaust
5 port.

1 10. The waste receptacle as in claim 9, wherein said exhaust system includes
2 at least one of a pump and a bellows.

1 11. The waste receptacle as in claim 9, wherein said cover includes a sealing
2 portion formed of rubber, said sealing portion sealably engaging said upper rim.

1 12. The waste receptacle as in claim 9, wherein said exhaust system includes
2 a shutoff valve.

1 13. The waste receptacle as in claim 9, further comprising a foot pedal that
2 opens said cover.

1 14. The waste receptacle as in claim 1, wherein said exhaust hood is
2 disposed above said interior receptacle and includes a double-walled perimeter
3 including an outer wall that forms part of said exterior wall, and a gas permeable interior
4 wall, said outer wall including said exhaust port extending therethrough.

1 15. The waste receptacle as in claim 14, wherein said gas permeable interior
2 wall includes perforations therethrough.

1 16. A waste receptacle comprising:

2 an exterior wall;

3 an interior receptacle for receiving a bag therein, said interior receptacle spaced
4 from said exterior wall;

5 a cover that sealably engages an upper rim of said exterior wall;

6 an exhaust hood disposed over said interior receptacle and including an exhaust
7 port;

8 an exhaust system that exhausts said waste receptacle through said exhaust
9 port; and

10 an interior bag closure mechanism that is operable from an exterior of said waste
11 receptacle.

1 17. A waste receptacle having an interior and comprising an exterior wall, an
2 interior receptacle for receiving a flexible bag therein, and a rotator assembly that
3 grasps an upper open end of said flexible bag disposed within said interior receptacle

4 and rotates said upper open section relative to a bottom closed end of said flexible bag,
5 to close said flexible bag.

1 18. The waste receptacle as in claim 17, wherein said rotator assembly is
2 operable externally.

1 19. The waste receptacle as in claim 17, further comprising a handle that
2 causes said rotator assembly to rotate, said handle disposed on said exterior wall.

1 20. The waste receptacle as in claim 17, wherein said waste receptacle is a
2 closed waste receptacle having a cover and further comprising an exhaust hood
3 disposed superjacent said interior receptacle and beneath said cover.

1 21. The waste receptacle as in claim 17, wherein a portion of said rotating
2 member is received in a cavity of said exterior wall and further comprising ball bearings
3 that enable said rotating member to rotate within said cavity.

1 22. A method for packaging toxic trash comprising:
2 providing a trash receptacle including an exterior wall separating an interior and
3 an exterior, an interior receptacle for receiving a bag therein, a cover that sealably
4 engages said exterior wall and an exhaust hood coupled to an exhaust system and
5 disposed within said trash receptacle and over said interior receptacle;

6 opening said cover and introducing trash into a bag disposed within said interior
7 receptacle;

8 closing said cover;

9 with said cover closed, closing said bag disposed within said interior receptacle
10 using an interior bag closure mechanism that is operable from said exterior; and

11 opening said cover thereby exposing said closed bag.

1 23. The method as in claim 22, wherein said closing said bag comprises
2 rotating an upper open section of said bag relative to a bottom closed end of said bag.